

Material Safety Data Sheet

Identity (As Used on Label and List) Pine Ola Silver Polish	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Howard Products, Inc.	Emergency Telephone Number Chemtrec (800)- 424-9300
Address (Number, Street, City, State, and ZIP Code) 560 Linne Road	Telephone Number for Information (805) 227-1000
Paso Robles, CA 93446	Date Prepared 8/11/88 6th Rev. 3/23/04
	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
As known to Howard Products, Inc. this product contains no materials in quantities considered hazardous under OSHA Final Standard "Hazard Communications 29CFR1910.1200".				
Non-Hazardous Ingredients - 100%				

Section III - Physical/Chemical Characteristics

Boiling Point	>200°F	Specific Gravity (H ₂ O = 1)	(1.115)
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	<1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Partial	Water Reactive	No
Appearance and Odor	Creamy liquid, grey color, pine oil odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits in air % by volume N/A	LEL	UEL
Extinguishing Media N/A			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

Material Safety Data Sheet

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None known.
	Stable	✓		
Incompatibility (Materials to Avoid) None Known.				
Hazardous Decomposition or By-products None Known.				
Hazardous Polymerization	May Occur		Conditions to Avoid	None known.
	Will Not Occur	✓		

Section VI - Health Hazard Data

Route(s) of Entry:		Inhalation? ✓ (dust)	Skin? N/A	Ingestion? ✓
Health Hazards	Acute	Swallowing large amounts may cause nausea.		
	Chronic	Inhalation of large quantities of Silica Dust, if generated, may cause silicosis.		
Carcinogenicity:		NTP? ✓ (dust)	IARC Monographs?	OSHA Regulated? Not Listed ✓
Signs and Symptoms of Exposure N/A				
Medical Conditions Generally Aggravated by Exposure N/A				
Emergency and First Aid Procedures Seek medical assistance for further treatment, observation and support if necessary.				
Eye Contact	Flush eyes with water.			
Skin Contact	Wash with soap and water			
Inhalation	N/A			
Ingestion	Give 2 or 3 cups of water or milk to drink; obtain medical attention.			

Section VII - Precautions for Safe Handling and Use/Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled Wipe up with cloth or sponge.				
Waste Disposal Method Wash rags with soap and water.				
Precautions to Be Taken in Handling and Storing Store in cool dry place.				
Other Precautions Avoid generating dust. D.O.T. Hazard Class: None				
HMIS Rating: Health 1 Flammability 0 Reactivity 0 Personal Protection A				

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)				Dust mask if dust generated.	
Ventilation	Local Exhaust		✓	Special	None.
	Mechanical (<i>General</i>)		None.	Other	None.
Protective Gloves	None needed.		Eye Protection	Safety glasses if splashing occurs.	
Other Protective Clothing or Equipment				None needed.	
Work/Hygienic Practices				Wash hands after use.	

Material Safety Data Sheet

Identity (As Used on Label and List) Pine Ola Copper & Brass Polish	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Howard Products, Inc.	Emergency Telephone Number Chemtrec (800)- 424-9300
Address (Number, Street, City, State, and ZIP Code) 560 Linne Road	Telephone Number for Information (805) 227-1000
Paso Robles, CA 93446	Date Prepared 8/11/88 6th Rev. 03/23/04
	Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
As known to Howard Products, Inc. this product contains no materials in quantities considered hazardous under OSHA Final Standard "Hazard Communications 29CFR1910.1200".				
Non-Hazardous Ingredients - 100%				

Section III - Physical/Chemical Characteristics

Boiling Point	>200°F	Specific Gravity (H ₂ O = 1)	>1
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	<1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	Partial	Water Reactive	No
Appearance and Odor	Creamy liquid, grey color, mild odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits in air % by volume N/A	LEL	UEL
Extinguishing Media N/A			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

Material Safety Data Sheet

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None Known
	Stable	✓		
Incompatibility (Materials to Avoid) None Known				
Hazardous Decomposition or By-products None Known				
Hazardous Polymerization	May Occur		Conditions to Avoid	None Known
	Will Not Occur	✓		

Section VI - Health Hazard Data

Route(s) of Entry:		Inhalation? ✓ (dust)	Skin? N/A	Ingestion? ✓	
Health Hazards	Acute May Cause irritation of nose, throat and respiratory passages.				
	Chronic Excessive inhalation of Silica dust, if generated, may cause lung injury, silicosis.				
Carcinogenicity:		NTP? ✓ (dust)	IARC Monographs? ✓	OSHA Regulated?	Not Listed
Signs and Symptoms of Exposure N/A					
Medical Conditions					
Generally Aggravated by Exposure Asthma, Bronchitis (if exposed to excessive dust)					
Emergency and First Aid Procedures Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact	Flush thoroughly with water 15 minutes while holding eye lids open.				
Skin Contact	Remove contaminated clothing and wash thoroughly with water.				
Inhalation	Remove victim to fresh air and provide oxygen if breathing with difficulty.				
Ingestion	DO NOT INDUCE VOMITING. If victim is conscious and not in convulsions, give lots of water or milk to drink. PHYSICIAN: Danger of aspiration must be weighed against toxicity.				

Section VII - Precautions for Safe Handling and Use/Leak Procedures

Steps to Be Taken in Case Material is Released or Spilled	Wipe up with cloth or sponge.			
Waste Disposal Method	Wash rags with plenty of soap.			
Precautions to Be Taken in Handling and Storing	Store in cool dry place.			
Other Precautions	Avoid generating dust		D.O.T. Hazard Class: ND	
HMIS Rating:	Health 1	Flammability 0	Reactivity 0	Personal Protection E

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)			Dust mask if dust generated.			
Ventilation	Local Exhaust		✓	Special	None.	
	Mechanical (<i>General</i>)			Other	None.	
Protective Gloves	None.		Eye Protection	Safety glasses if splashing occurs.		
Other Protective Clothing or Equipment						None needed.
Work/Hygienic Practices						Wash hands promptly - safely dispose of rags.